



9423 ST25 in response to 8_29_08 Notice.txt
SEQUENCE LISTING

<110> The Procter & Gamble Company

<120> Composition comprising a Mouse HRT Protein-Human Interacting Partner Protein Complex

<130> 9423

<140> 10/712,629

<141> 2003-11-13

<160> 20

<170> PatentIn version 3.3

<210> 1

<211> 660

<212> DNA

<213> Homo Sapiens

<220>

<223> Keratin 5

<400> 1

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tcaacaataa gtttgcctcc ttcatcgaca aggtgcggtt cctggagcag cagaacaagg 180

ttctggacac caagtggacc ctgctgcagg agcagggcac caagaccgtg aggcagaacc 240

tggagccgtt gttcgagcag tacatcaaca acctcaggag gcagctggac agcatcgtgg 300

gggaacgggg cccgcctggac tcagagctaa gaaacatgca ggacctgggtg gaagacttca 360

agaacaagta tgaggatgaa atcaacaagc gtaccactgc tgagaatgag tttgtatgc 420

tgaagaagga tgttagatgct gcctacatga acaagggtgga gctggaggcc aaggttgatg 480

cactgatgga tgagattaac ttcatgaaga ttttcttgc tgccggagctg tcccatgatgc 540

agacgcatgt ctctgacacc tcagtggtcc tctccatgga caacaaccgc aacctggacc 600

tggatagcat catcgctgag gtcaaggccc agtatgagga gattgccaac cgccagccgga 660

<210> 2

<211> 746

<212> DNA

<213> Homo sapiens

<220>

<223> Ubiquitous Receptor

<400> 2

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cagggcagca gcagctcagc ctctggcct ggggcttccc ctgggtggatc tgaggcaggc 120

agccagggtc cccgggaagg cgagggtgtc cagctaacag cggctcaaga actaatgatc 180

cagcagttgg tggcgccca actgcagtgc aacaaacgct ccttctccga ccagccaaa 240

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gtcacccct	ggccctggg	cgcagacccc	cagtcccgag	atgcccgc	ca gcaacgc	ttt	300
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cgggccgcgt	ggaggcg	tttgc	cagcagccct	acgtggaggc	gctgctgtcc	tacacgcgca	720
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<210> 3
<211> 705
<212> DNA
<213> Homo Sapiens
<220>
<223> Protein Inhibitor of Activated STAT-1

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ctaaagg	ctg	gtgt	ccaa	atgaaa	atta	agga	actcta	taggcggc	180
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cttacatcag	ctttcaccc	agtccatccg	gatataaa	ttcaaaa	attt	accat	tttat		420
gat	ttactgg	atgaa	actgtat	aaaaccc	acc	agtct	tagcat	caga	480
cgagaa	acct	gttt	tg	ttgcatt	tg	ccat	ccaca	aaag	540
atggat	at	ttt	ctgg	gaccaa	aa	atgt	gacttc	act	600
tcaga	aaacca	gtt	gt	ccaca	aca	aga	gtt	aa	660
acaaaac	cttcc	gcag	cc	tttcc	cc	tttcc	tttcc	tttcc	705

<210> 4
<211> 792
<212> DNA
<213> Homo Sapiens
<220>
<223> Similar to Stromal Antigen 2

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cccgt	gg	gg	aa	gagggacagg	aaaagggt	gt	tttac	agc	aa	aggaga	agaa	gacac	agg	tttgc	120

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tactctgtag atgcagaaaa ggtgactaac ttgttgcagt tgcctcagta ctttgatttg	240
gaaatatac ccactggacg attagaaaag catttggatg ccttattgcg acagatccgg	300
aatattgtag agaagcacac agatacagat gttttggaag catgttctaa aacttaccat	360
gcactctgtat atgaagagtt cacaatcttc aacagagtag atatttcaag aagtcaactg	420
atagatgaat tggcagataa atttaaccgg cttcttgaag attttctgca agagggtgaa	480
gaacctgatg aagatgatgc atatcaggtt ttgtcaacat tgaagaggat cactgctttt	540
cataatgccc atgacctttc aaagtggat ttatttgctt gtaattacaa actcttgaaa	600
acttggaaatcg aaaatggaga catgcctgag cagattgtt ttcacgcact gcagtgtact	660
cactatgtaa tccttggca acttgctaag ataactgaaa gcagctctac aaaggaggac	720
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aacgtgaata ct	792

<210> 5
 <211> 747
 <212> DNA
 <213> Homo Sapiens
 <220>
 <223> Nucleoporin 160 Kda

<400> 5 actgaagcag gtgatgactg gaaaagtcag gctactctaa ggacatgtat tttcaaacat	60
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caggatctt tagagttcc ctatgtaat ctgcataatg aggttgggg aataattgag	240
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cacatctatc gccacaattt ccgcaaggct ggcacagtga tggtttagta tggaaatgcgg	360
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gccatatcac tctgtcagac ttttaag	747

<210> 6
 <211> 683

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<212> DNA
 <213> Homo Sapiens
 <220>
 <223> Retinoic Acid Receptor Gamma-1

<400> 6
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 ggggctgtgg ctgaagacct cgcccgccca ctgcagaccc cagggactc tcacaccgca 180
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 tcgccccctc cgccctctcg ggtctacaag ccatgcttcg tgtcaatga caagtcctct 480
 ggctaccact atggggtcag ctcttgaa ggctgcaagg gcttcttcg ccgaagcatc 540
 cagaagaaca tggtgtacac gtgtcaccgc gacaaaaact gtatcatcaa caaggtgacc 600
 aggaatcgct gccagtactg ccggctacag aagtgcctcg aagtggcat gtccaaggaa 660
 gctgtgcgaa atgaccggaa caa 683

<210> 7
 <211> 744
 <212> DNA
 <213> Homo Sapiens
 <220>
 <223> Thyroid Hormone Receptor Alpha

<400> 7
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 agaaagaacg gccaatgttc cctgaaaacc agcatgtcag ggtatatccc tagttacctg 120
 gacaaagacg agcagtgtgt cgtgtgtggg gacaaggcaa ctggttatca ctaccgctgt 180
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 cagctgtgcc gcttcaagaa gtgcattcgcc gtgggcattt ccatggactt ggttcttagat 360
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 gacaagggtgg accttggaaagc cttcagcggag tttaccaaga tcatcaccccc ggccatcacc 660
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<210> 8
<211> 719
<212> DNA
<213> Homo sapiens
<220>
<223> Annexin A1

<400> 8
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acactgaaga aagcccttac aggtcacctt gaggaggtt gtttagctct gctaaaaact 120
ccagcgcaat ttgatgctga tgaacttcgt gctgccatga agggccttgg aactgatgaa 180
gatactctaa ttgagattt ggcatcaaga actaacaaag aaatcagaga cattaacagg 240
gtctacagag aggaactgaa gagagatctg gccaaagaca taacctcaga cacatctgga 300
gattttcggaa acgctttgct ttctcttgct aagggtgacc gatctgagga ctttgggtgtg 360
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gagttgaaag gtgacattga gaaatgcctc acagctatcg tgaagtgcgc cacaagcaaa 600
ccagctttct ttgcagagaaa gcttcatcaa gccatgaaag gtgttggAAC tcgccataag 660
gcattgatca ggattatggt ttcccggttct gaaattgaca tgaatgatataaaaggatt 719

<210> 9
<211> 323
<212> DNA
<213> Homo sapiens
<220>
<223> HIC Protein Isoform P32 and Isoform 40

<400> 9
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tgggctccac agcccaggaa aatgtgata aagacaatac tgagaaagat ataactcaag 120
ctaccaatacg ccacttcaca catggagaga tgcaagacca gtccatttgg ggaaatcctt 180
cgatggtga actcattaga acccaacctc agcgcttgcc tcagcttcag acttcagcac 240
aggtgccaag tggtgaggaa ataggcaaga taaagaacgg ccacacaggt ctgagcaatg 300
gaaatggaat tcaccacggg gcc 323

<210> 10
<211> 610
<212> DNA
<213> Homo Sapiens
<220>
<223> Insulin-like Growth Factor Binding Domain Protein 6

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<400> 10
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ggctgtctca ggagggaggg gcaggagtgc ggggtctaca cccctaactg cgccccagga 180
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ctgccagggt 610

<210> 11
<211> 718
<212> DNA
<213> Homo sapiens
<220>
<223> Inner Membrane Protein, Mitochondrial

<400> 11
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<210> 12
<211> 720
<212> DNA
<213> Homo Sapiens
<220>

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<223> Endoplasmic reticulum thioredoxin superfamily member

<400> 12

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<210> 13

<211> 779

<212> DNA

<213> Homo Sapiens

<220>

<223> Protein Inhibitor of Activated STAT-3

<400> 13

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<210> 14
 <211> 738
 <212> DNA
 <213> Homo Sapiens
 <220>
 <223> DEAD box polypeptide 3

<400> 14
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<210> 15
 <211> 450
 <212> DNA
 <213> Homo Sapiens
 <220>
 <223> Dpy-30 Like Protein

<400> 15
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<210> 16
 <211> 1269
 <212> DNA

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<213> Mus Musculus

<220>

<223> Vitamin D Receptor

<400> 16

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ttccagccgg agaacagcat gaagctcaca ccccttgtc tagaggtgtt cggcaatgag 1260
atctcctga 1269

<210> 17

<211> 2079

<212> PRT

<213> Mus Musculus

<220>

<223> C-terminal portion of HRT having amino acid residues 490 to 1182

<400> 17

Gly Thr Thr Ala Cys Cys Cys Ala Gly Thr Gly Cys Cys Ala Ala Ala
1 5 10 15

Gly Cys Thr Gly Thr Gly Thr Cys Cys Ala Gly Gly Cys Ala Gly Cys
20 25 30

Thr Gly Gly Ala Gly Ala Gly Gly Thr Ala Gly Gly Gly Thr Ala
35 40 45

Cys Thr Gly Ala Cys Cys Gly Gly Cys Cys Ala Cys Thr Cys Cys Cys
50 55 60

Ala Gly Ala Ala Ala Thr Cys Ala Cys Gly Thr Ala Gly Gly Thr Cys
65 70 75 80

Ala Cys Cys Cys Cys Thr Gly Gly Ala Ala Gly Ala Gly Ala Ala Gly
85 90 95

Cys Ala Gly Thr Thr Gly Gly Ala Gly Gly Ala Gly Gly Ala Gly Gly
100 105 110

Ala Thr Thr Cys Cys Thr Cys Thr Gly Cys Cys Ala Cys Thr Thr Cys
115 120 125

Cys Gly Ala Ala Gly Ala Ala Gly Gly Ala Gly Gly Ala Gly Gly Ala
130 135 140

Gly Gly Gly Cys Cys Thr Gly Gly Cys Cys Cys Ala Gly Ala Ala Gly
145 150 155 160

Cys Thr Thr Cys Ala Cys Thr Cys Ala Ala Cys Ala Ala Gly Gly Gly
165 170 175

Cys Cys Thr Gly Gly Cys Cys Ala Ala Gly Cys Ala Cys Cys Thr Gly
180 185 190

Cys Thr Gly Ala Gly Thr Gly Gly Thr Thr Thr Gly Gly Gly Gly
195 200 205

Ala Cys Cys Gly Ala Cys Thr Cys Thr Gly Cys Cys Gly Cys Cys Thr
210 215 220

Gly Cys Thr Gly Cys Gly Gly Ala Ala Gly Gly Ala Gly Cys Gly Gly
225 230 235 240

Gly Ala Gly Gly Cys Cys Cys Thr Thr Gly Cys Cys Thr Gly Gly Gly
245 250 255

Cys Ala Cys Ala Gly Cys Gly Ala Gly Ala Ala Gly Gly Cys Cys Ala
260 265 270

9423 ST25 in response to 8_29_08 Notice.txt

Gly Gly Gly Gly Cys Cys Ala Gly Cys Cys Ala Thr Gly Ala Cys Ala
275 280 285

Gly Ala Gly Gly Ala Cys Ala Gly Cys Cys Cys Ala Gly Gly Cys Ala
290 295 300

Thr Thr Cys Cys Ala Cys Ala Thr Thr Gly Cys Thr Gly Cys Ala Gly
305 310 315 320

Cys Cys Gly Ala Thr Gly Cys Cys Ala Cys Cys Cys Ala Cys Gly Gly Ala
325 330 335

Cys Thr Cys Thr Thr Cys Ala Ala Cys Ala Cys Cys Cys Ala Cys Thr
340 345 350

Gly Gly Ala Gly Ala Thr Gly Thr Cys Cys Cys Ala Cys Thr Gly
355 360 365

Thr Ala Gly Cys Cys Ala Cys Cys Gly Gly Cys Thr Gly Thr Gly Thr
370 375 380

Gly Thr Ala Gly Cys Cys Thr Gly Thr Gly Gly Thr Cys Gly Cys Ala
385 390 395 400

Thr Ala Gly Cys Cys Gly Gly Cys Gly Cys Thr Gly Gly Ala Ala Ala
405 410 415

Gly Ala Ala Cys Ala Gly Gly Gly Ala Gly Ala Ala Ala Ala Cys Ala
420 425 430

Gly Gly Thr Thr Cys Thr Cys Ala Gly Gly Ala Ala Cys Ala Gly Cys
435 440 445

Ala Cys Ala Cys Ala Gly Ala Thr Gly Ala Cys Thr Gly Cys Gly Cys
450 455 460

Cys Cys Ala Gly Gly Ala Gly Gly Cys Thr Gly Gly Gly Cys Ala Thr
465 470 475 480

Gly Cys Thr Gly Cys Cys Thr Gly Thr Thr Cys Cys Cys Thr Gly Ala
485 490 495

Thr Cys Cys Thr Gly Ala Cys Cys Cys Ala Gly Thr Thr Thr Gly Thr
500 505 510

Cys Thr Cys Cys Ala Gly Cys Cys Ala Gly Gly Cys Gly Cys Thr Gly
515 520 525

9423 ST25 in response to 8_29_08 Notice.txt

Gly Cys Ala Gly Ala Ala Cys Thr Gly Ala Gly Cys Ala Cys Thr Gly
530 535 540

Thr Gly Ala Thr Gly Cys Ala Cys Cys Ala Ala Gly Cys Cys Thr Gly
545 550 555 560

Gly Gly Cys Cys Ala Ala Gly Thr Thr Gly Ala Cys Ala Thr Thr
565 570 575

Cys Gly Gly Gly Gly Cys Ala Cys Thr Gly Thr Thr Thr Cys Thr
580 585 590

Gly Cys Cys Ala Gly Gly Thr Thr Gly Ala Thr Gly Cys Cys Cys Gly
595 600 605

Thr Gly Thr Gly Thr Gly Gly Cys Cys Cys Cys Gly Gly Gly
610 615 620

Gly Ala Thr Gly Gly Gly Gly Thr Cys Ala Gly Cys Ala Gly Ala
625 630 635 640

Ala Gly Gly Ala Ala Cys Cys Ala Ala Cys Ala Gly Ala Gly Ala Ala
645 650 655

Ala Ala Cys Thr Cys Cys Cys Cys Ala Ala Cys Thr Cys Cys Ala
660 665 670

Cys Ala Ala Cys Cys Thr Thr Cys Cys Thr Gly Cys Ala Ala Thr Gly
675 680 685

Gly Ala Gly Ala Thr Thr Cys Cys Ala Ala Thr Cys Gly Gly Ala Cys
690 695 700

Cys Ala Ala Gly Gly Ala Cys Ala Thr Cys Ala Ala Ala Gly Ala Ala
705 710 715 720

Gly Ala Gly Ala Cys Cys Cys Cys Ala Gly Ala Cys Thr Cys Cys Ala
725 730 735

Cys Thr Gly Ala Gly Ala Gly Cys Cys Cys Ala Gly Cys Ala Gly Ala
740 745 750

Gly Gly Ala Cys Gly Gly Thr Gly Cys Thr Gly Gly Cys Cys Gly Gly
755 760 765

Thr Cys Ala Cys Cys Cys Cys Thr Thr Cys Cys Thr Thr Gly Thr Cys
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9423 ST25 in response to 8_29_08 Notice.txt
770 775 780

Cys Cys Thr Cys Thr Cys Thr Cys Thr Gly Thr Gly Ala Gly Cys Thr
785 790 795 800

Gly Cys Thr Ala Gly Cys Cys Thr Cys Thr Ala Cys Thr Gly Cys Thr
805 810 815

Gly Thr Cys Ala Ala Ala Cys Thr Cys Thr Gly Cys Cys Thr Gly Gly
820 825 830

Gly Gly Cys Ala Thr Gly Ala Cys Cys Gly Gly Ala Thr Thr Cys Ala
835 840 845

Cys Ala Thr Gly Gly Cys Cys Thr Thr Thr Gly Cys Thr Cys Cys Gly
850 855 860

Gly Thr Cys Ala Cys Cys Cys Ala Gly Cys Thr Cys Thr Gly Cys
865 870 875 880

Cys Cys Ala Gly Thr Gly Ala Thr Gly Ala Cys Cys Gly Cys Ala Thr
885 890 895

Thr Ala Cys Cys Ala Ala Cys Ala Thr Cys Cys Thr Gly Gly Ala Cys
900 905 910

Ala Gly Cys Ala Thr Thr Ala Thr Thr Gly Cys Gly Cys Ala Gly Gly
915 920 925

Thr Ala Gly Thr Ala Gly Ala Ala Cys Gly Gly Ala Ala Gly Ala Thr
930 935 940

Cys Cys Ala Ala Gly Ala Gly Ala Ala Ala Gly Cys Cys Cys Thr Gly
945 950 955 960

Gly Gly Gly Cys Cys Ala Gly Gly Cys Cys Thr Gly Cys Gly Ala Gly
965 970 975

Cys Ala Gly Gly Gly Thr Cys Ala Gly Gly Cys Thr Thr Ala Cys Gly
980 985 990

Cys Ala Ala Gly Gly Cys Cys Thr Gly Ala Gly Cys Cys Thr Thr
995 1000 1005

Cys Cys Ala Thr Thr Gly Thr Cys Ala Cys Cys Ala Gly Thr Gly
1010 1015 1020

9423 ST25 in response to 8_29_08 Notice.txt

Cys Gly Ala Ala Cys Cys Cys Gly Gly Cys Thr Gly Thr Cys Thr
1025 1030 1035

Cys Cys Thr Cys Cys Thr Gly Gly Ala Gly Cys Thr Thr Thr Gly
1040 1045 1050

Cys Thr Gly Thr Gly Gly Cys Thr Gly Cys Ala Gly Gly Ala Gly
1055 1060 1065

Cys Cys Thr Ala Gly Gly Cys Cys Thr Ala Ala Gly Cys Ala Thr
1070 1075 1080

Gly Gly Cys Thr Thr Cys Cys Ala Thr Cys Thr Cys Thr Thr Cys
1085 1090 1095

Cys Ala Gly Gly Ala Ala Cys Ala Cys Thr Gly Gly Cys Gly Gly
1100 1105 1110

Cys Ala Gly Gly Gly Cys Cys Ala Gly Cys Cys Cys Gly Thr Gly
1115 1120 1125

Thr Thr Ala Gly Thr Gly Thr Cys Ala Gly Gly Cys Ala Thr Cys
1130 1135 1140

Cys Ala Gly Ala Ala Gly Ala Cys Ala Thr Thr Gly Ala Gly Ala
1145 1150 1155

Cys Thr Thr Ala Gly Cys Cys Thr Gly Thr Gly Gly Gly Ala
1160 1165 1170

Ala Thr Gly Gly Ala Ala Gly Cys Cys Cys Thr Thr Gly Gly Gly
1175 1180 1185

Ala Cys Ala Cys Thr Thr Gly Gly Thr Gly Gly Cys Ala Gly
1190 1195 1200

Gly Thr Gly Cys Ala Gly Thr Cys Ala Cys Thr Gly Ala Cys Thr
1205 1210 1215

Gly Cys Cys Cys Thr Thr Gly Gly Gly Cys Cys Thr Cys Cys Cys
1220 1225 1230

Cys Ala Gly Cys Cys Cys Ala Cys Gly Ala Ala Cys Cys Thr Gly
1235 1240 1245

Gly Ala Cys Ala Gly Cys Ala Cys Ala Gly Cys Ala Thr Thr Cys
1250 1255 1260

9423 ST25 in response to 8_29_08 Notice.txt

Thr Gly Gly Gly Ala Gly Gly Gly Ala Thr Thr Cys Thr Cys Thr
1265 1270 1275

Cys Ala Thr Cys Cys Thr Gly Ala Gly Ala Cys Ala Cys Gly Thr
1280 1285 1290

Cys Cys Ala Ala Ala Gly Thr Thr Ala Gly Ala Thr Gly Ala Gly
1295 1300 1305

Gly Gly Cys Thr Cys Thr Gly Thr Cys Cys Thr Cys Cys Thr Gly
1310 1315 1320

Cys Thr Ala Cys Ala Cys Cys Gly Ala Ala Cys Cys Cys Thr Gly
1325 1330 1335

Gly Gly Gly Gly Ala Thr Ala Ala Gly Gly Ala Cys Gly Cys Thr
1340 1345 1350

Ala Gly Cys Ala Gly Gly Thr Gly Cys Ala Gly Ala Ala Cys
1355 1360 1365

Cys Thr Thr Gly Thr Cys Thr Cys Cys Ala Gly Cys Cys Thr Thr
1370 1375 1380

Cys Cys Ala Cys Thr Cys Cys Cys Ala Gly Ala Ala Thr Ala Cys
1385 1390 1395

Thr Gly Thr Gly Cys Cys Cys Ala Cys Cys Ala Ala Gly Gly Gly
1400 1405 1410

Ala Ala Ala Cys Thr Cys Ala Ala Cys Cys Thr Ala Gly Cys Gly
1415 1420 1425

Thr Cys Cys Thr Ala Cys Cys Thr Cys Cys Cys Cys Cys Thr Gly
1430 1435 1440

Gly Gly Cys Cys Thr Cys Ala Cys Ala Cys Thr Gly Cys Ala Thr
1445 1450 1455

Cys Cys Ala Cys Thr Gly Gly Ala Gly Cys Cys Cys Cys Ala Gly
1460 1465 1470

Cys Thr Cys Thr Gly Gly Cys Gly Gly Cys Cys Thr Ala Thr
1475 1480 1485

Gly Gly Thr Gly Thr Gly Ala Ala Cys Thr Cys Ala Cys Ala Cys
1490 1495 1500

9423 ST25 in response to 8_29_08 Notice.txt

Cys Gly Thr Gly Gly Ala Cys Ala Cys Cys Thr Gly Gly Gly Gly
1505 1510 1515

Ala Cys Cys Ala Ala Gly Ala Ala Thr Cys Thr Ala Thr Gly Cys
1520 1525 1530

Gly Thr Gly Gly Ala Gly Gly Thr Gly Thr Cys Thr Gly Ala Cys
1535 1540 1545

Cys Thr Ala Ala Thr Cys Ala Gly Thr Ala Thr Cys Cys Thr Gly
1550 1555 1560

Gly Thr Gly Cys Ala Cys Gly Cys Cys Gly Ala Gly Gly Cys Cys
1565 1570 1575

Cys Ala Gly Cys Thr Gly Cys Cys Thr Cys Cys Cys Thr Gly Gly
1580 1585 1590

Thr Ala Thr Cys Gly Ala Gly Cys Ala Cys Ala Gly Ala Ala Ala
1595 1600 1605

Gly Ala Thr Thr Thr Cys Cys Thr Cys Thr Cys Ala Gly Gly Cys
1610 1615 1620

Cys Thr Gly Gly Ala Thr Gly Gly Gly Ala Ala Gly Gly Ala
1625 1630 1635

Cys Thr Cys Thr Gly Gly Thr Cys Thr Cys Cys Ala Gly Gly Gly
1640 1645 1650

Ala Gly Cys Cys Ala Gly Ala Cys Cys Ala Gly Cys Ala Cys Thr
1655 1660 1665

Gly Thr Gly Thr Gly Gly Cys Ala Thr Gly Thr Gly Thr Thr Cys
1670 1675 1680

Cys Gly Gly Gly Cys Cys Cys Ala Gly Gly Ala Thr Gly Cys Cys
1685 1690 1695

Cys Ala Gly Cys Gly Cys Ala Thr Cys Cys Gly Thr Cys Gly Cys
1700 1705 1710

Thr Thr Thr Cys Thr Cys Cys Ala Gly Ala Thr Gly Gly Thr Gly
1715 1720 1725

Thr Gly Cys Cys Cys Ala Gly Cys Thr Gly Gly Ala Gly Cys Ala
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1730

9423 ST25 in response to 8_29_08 Notice.txt
1735 1740

Gly Gly Ala Ala Cys Cys Thr Thr Gly Gly Ala Gly Cys Cys Thr
1745 1750 1755

Gly Gly Thr Gly Cys Cys Cys Cys Ala Gly Gly Cys Ala Gly Cys
1760 1765 1770

Thr Gly Cys Thr Ala Cys Thr Thr Gly Gly Ala Thr Gly Cys Ala
1775 1780 1785

Gly Gly Gly Thr Thr Gly Cys Gly Cys Cys Gly Ala Cys Gly Gly
1790 1795 1800

Cys Thr Ala Ala Gly Ala Gly Ala Ala Gly Ala Gly Thr Gly Gly
1805 1810 1815

Gly Gly Thr Gly Thr Gly Ala Gly Cys Thr Gly Cys Thr Gly Gly
1820 1825 1830

Ala Cys Cys Cys Thr Gly Cys Thr Gly Cys Ala Gly Cys Thr Gly Cys Thr
1835 1840 1845

Cys Cys Thr Gly Gly Gly Ala Ala Gly Cys Gly Gly Thr Gly
1850 1855 1860

Cys Thr Gly Gly Thr Cys Cys Cys Gly Gly Cys Thr Gly Gly Gly
1865 1870 1875

Gly Cys Gly Cys Cys Cys Cys Ala Thr Cys Ala Gly Gly Thr Gly
1880 1885 1890

Cys Ala Gly Gly Gly Cys Cys Thr Gly Gly Thr Gly Ala Gly Cys
1895 1900 1905

Ala Cys Ala Ala Thr Cys Ala Gly Thr Gly Thr Cys Ala Cys Thr
1910 1915 1920

Cys Ala Gly Cys Ala Cys Thr Thr Thr Cys Thr Gly Thr Cys Thr
1925 1930 1935

Cys Cys Thr Gly Ala Gly Ala Cys Cys Thr Cys Thr Gly Cys Cys
1940 1945 1950

Cys Thr Cys Thr Cys Thr Gly Cys Thr Cys Ala Gly Cys Thr Cys
1955 1960 1965

Thr Gly Cys Cys Ala Cys Cys Ala Gly Gly Gly Ala Gly Cys Cys
 1970 1975 1980

Ala Gly Cys Cys Thr Ala Cys Cys Cys Cys Thr Gly Ala Cys
 1985 1990 1995

Cys Ala Cys Cys Gly Thr Ala Thr Gly Cys Thr Thr Ala Thr
 2000 2005 2010

Gly Cys Cys Cys Ala Gly Ala Thr Gly Gly Ala Cys Cys Gly Gly
 2015 2020 2025

Gly Cys Thr Gly Thr Gly Thr Thr Cys Cys Ala Ala Gly Cys Ala
 2030 2035 2040

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 2045 2050 2055

Gly Gly Gly Gly Cys Gly Thr Thr Ala Cys Ala Gly Gly Ala Ala
 2060 2065 2070

Gly Cys Thr Ala Ala Ala
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<211> 2079

<212> DNA

<213> Mus Musculus

<220> Nucleotide sequence of HRT corresponding to C-terminus of HR protein

<400> 18

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tcccagaaat cacgtagggtc acccctggaa gagaaggcgt tggaggagga ggattcctct 120

gccacttccg aagaaggagg aggagggcct ggcccagaag cttcactcaa caagggcctg 180

gccaagcacc tgctgagtgg tttggggac cgactctgcc gcctgctgcg gaaggagcgg 240

gaggcccttg cctggcaca gcgagaaggc cagggccag ccatgacaga ggacagccca 300

ggcattccac attgctgcag ccgatgccac cacggactct tcaacaccca ctggagatgt 360

tcccactgta gccaccggct gtgtgtagcc tgtggtcgca tagccggcgc tggaaagaac 420

agggagaaaa caggttctca ggaacagcac acagatgact gcgcccagga ggctggcat 480

gctgcctgtt ccctgatcct gacccagttt gtctccagcc aggcgctggc agaactgagc 540

actgtgatgc accaagcctg ggccaagttt gacattcggg ggcactgttt ctgccaggtt 600

gatgccctgtg tgtggccccc cggggatggg ggtcagcaga aggaaccaac agagaaaact 660

cccccaactc cacaaccttc ctgcaatgga gattccaatc ggaccaagga catcaaagaa 720

9423 ST25 in response to 8_29_08 Notice.txt

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cggattcaca tggcctttgc tccggtcacc ccagctctgc ccagtgtga ccgcattacc	900
aacatcctgg acagcattat tgcgcaggta gtagaacgga agatccaaga gaaagccctg	960
gggccaggcc tgcgagcagg gtcaggctta cgcaagggcc tgagccttcc attgtcacca	1020
gtgcgaaccc ggctgtctcc tcctggagct ttgctgtggc tgcaggagcc taggcctaag	1080
catggcttcc atctcttcca ggaacactgg cggcagggcc agcccgtgtt agtgcaggc	1140
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caggtgcagt cactgactgc cttgggcct ccccagccca cgaacctgga cagcacagca	1260
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ctgggcctca cactgcatcc actggagccc cagctctggg cggcctatgg tgtgaactca	1500
caccgtggac acctggggac caagaatcta tgcgtggagg tgtctgacct aatcagttac	1560
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gtgctggtcc cggctggggc gccccatcag gtgcagggcc tggtagcac aatcagtgcc	1920
actcagcact ttctgtctcc tgagacctct gcccctctg ctcagctctg ccaccaggga	1980
gccagcctac cccctgacca ccgtatgctt tatgcccaga tggaccggc tgtgttccaa	2040
gcagtaaagg cggctgtggg ggcgttacag gaagctaaa	2079

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 <220>
 <223> oligonucleotide primer

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9423 ST25 in response to 8_29_08 Notice.txt

<220>

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